



2001 Toxics Release Inventory

ALASKA

Reported Releases and Other Waste Management Activities (in pounds)

	Total
On-site Releases	522,066,660
Air Emissions	3,201,013
Surface Water Discharges	76,438
Underground Injection Class I Wells	0
Underground Injection Class II-V Wells	20,554,878
On-site Land Releases to RCRA Subtitle C Landfills	0
Other On-site Land Releases	498,234,331
Off-site Releases (Transfers Off-site to Disposal)*	6,071
Total On- and Off-site Releases	522,072,731
Recycled On-site	1,377,417
Recycled Off-site	34,652
Energy Recovery On-site	450,000
Energy Recovery Off-site	108,217
Treated On-site	2,769,603
Treated Off-site**	2,955
Quantity Released On- and Off-site***	521,478,368
Total Production-related Waste Managed	526,221,212
Non-production-related Waste Managed	17,994
Transfers Off-site for Further Waste Management, including Disposal	
Recycling	35,018
Energy Recovery	13,545
Treatment	4,616
Publicly Owned Treatment Works (POTWs)	34,977
Metals and Metal Category Compounds*	5,957
Non-metal TRI Chemicals**	29,020
Other Off-site Transfers****	0
Transfers Off-site to Disposal (not including metals to POTWs)	1,272
Total Transfers Off-site for Further Waste Management, including Disposal	89,428

* Transfers to POTWs of metals and metal category compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Transfers to POTWs of non-metals are included in treated off-site waste management activity.

*** Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

**** Transfers reported without a valid waste management code.

For More Information . . .

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To obtain TRI data use assistance, call TRI User Support Service (TRI-US):
(202) 566-0250
tri.us@epa.gov



The largest circle in the state map represents the largest facility for on-site releases in the state of Alaska. All circles are proportionally-sized to represent the on-site releases at each facility within this state.

State/TRI Data

Population	633,630
Square Miles	570,374
Total Facilities	32
Total Forms	186
Form As	17

	Total
National Rank for Total On- and Off-site Releases*	
Rank	4
Pounds	522,072,731
National Rank for Total On-site Releases**	
Rank	4
Pounds	522,066,660
National Rank for Total Releases within State***	
Rank	4
Pounds	522,072,652
National Rank for Production-related Waste Managed	
Rank	17
Pounds	526,221,212

* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

** Includes amounts released at the facility. Excludes amounts transferred to other sites.

*** Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



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On-site and Off-site Releases for Top Five Chemicals Ranked on Total Releases in the State (All Chemicals)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Zinc compounds	58,859	845	9,100,000	300,902,429	0	310,062,133	0	0	0
—	Lead compounds	11,395	116	6,000,000	139,164,213	1,135	145,176,860	0	1,109	26
—	Manganese compounds	464	96	1,100,000	36,568,840	750	37,670,150	0	750	0
—	Copper compounds	475	57	670,000	5,193,578	750	5,864,860	0	750	0
—	Chromium compounds	102	27	51,000	4,977,114	1,101	5,029,344	0	1,100	1

On-site and Off-site Releases for PBT Chemicals Ranked on Total Releases in the State

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
—	Lead compounds	11,395.10	116.40	6,000,000.00	139,164,213.40	1,135.30	145,176,860.20	0.00	1,109.00	26.30
7439-92-1	Lead	338.00	10.00	0.00	22,237.00	1,182.00	23,767.00	0.00	0.00	1,182.00
—	Mercury compounds	129.37	0.00	7,867.00	9,667.30	5.90	17,669.57	0.00	4.00	1.90
—	Polycyclic aromatic compounds	1,235.50	19.00	0.00	32.00	28.70	1,315.20	0.00	0.00	28.70
7439-97-6	Mercury	104.87	0.12	0.00	2.70	0.00	107.69	0.00	0.00	0.00
191-24-2	Benzo(g,h,i)perylene	0.10	1.10	0.00	7.00	0.10	8.30	0.00	0.00	0.10
—	Dioxin and dioxin-like compounds	0.02	0.02	0.00	0.00	0.00	0.04	0.00	0.00	0.00
—	<i>Dioxin and dioxin-like compounds (in grams)</i>	<i>8.369</i>	<i>7.540</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>	<i>15.909</i>	<i>0.000</i>	<i>0.000</i>	<i>0.000</i>
309-00-2	Aldrin	—***	—	—	—	—	—	—	—	—
57-74-9	Chlordane	—***	—	—	—	—	—	—	—	—
76-44-8	Heptachlor	—***	—	—	—	—	—	—	—	—
118-74-1	Hexachlorobenzene	—***	—	—	—	—	—	—	—	—
465-73-6	Isodrin	—***	—	—	—	—	—	—	—	—
72-43-5	Methoxychlor	—***	—	—	—	—	—	—	—	—
29082-74-4	Octachlorostyrene	—***	—	—	—	—	—	—	—	—
40487-42-1	Pendimethalin	—***	—	—	—	—	—	—	—	—
608-93-5	Pentachlorobenzene	—***	—	—	—	—	—	—	—	—
1336-36-3	Polychlorinated biphenyls (PCBs)	—***	—	—	—	—	—	—	—	—
79-94-7	Tetrabromobisphenol A	—***	—	—	—	—	—	—	—	—
8001-35-2	Toxaphene	—***	—	—	—	—	—	—	—	—
1582-09-8	Trifluralin	—***	—	—	—	—	—	—	—	—

* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

*** No reports were submitted for these chemicals.

** The chemical ranking is based on the amounts in this column.



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On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (All Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases	
	Underground Injection				On-site Releases to Land			(Transfers Off-site to Disposal)	
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds		Transferred Within State Pounds	Transferred Out of State Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	524,146	819	0	0	0	431,487,880	432,012,845	0	0
Kennecott Greens Creek Mining Co., Juneau, Juneau	21,074	486	0	20,554,867	0	21,971,783	42,548,210	0	0
Illinois Creek Mine, Anchorage, Anchorage	803	0	0	0	0	28,028,900	28,029,703	0	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	55,980	0	0	0	0	15,161,006	15,216,985	5,957	2
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	1,437,155	70,300	0	11	0	300	1,507,766	0	0
True North Mine, Fairbanks, Fairbanks North Star	8	0	0	0	0	1,333,495	1,333,503	0	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	438,424	0	0	0	0	1,685	440,109	0	0
Golden Valley Electric Assoc. Inc. Healy Power Plant, Healy, Denali	249,193	0	0	0	0	0	249,193	0	0
Aurora Energy, Fairbanks, Fairbanks North Star	235,903	0	0	0	0	0	235,903	0	0
U.S. Air Force Eielson AFB AK, Eielson A F B, Fairbanks North Star	28,122	10	0	0	0	198,012	226,144	0	0

On-site and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (PBT Chemicals)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	9,379.02	8.00	0.00	0.00	0.00	128,298,825.00	128,308,212.02	0.00	0.00
Kennecott Greens Creek Mining Co., Juneau, Juneau	20.77	97.00	0.00	6,007,867.00	0.00	6,908,783.00	12,916,767.77	0.00	0.00
Fort Knox Mine, Fairbanks, Fairbanks North Star	144.60	0.00	0.00	0.00	0.00	1,565,305.60	1,565,450.20	0.00	1,107.70
True North Mine, Fairbanks, Fairbanks North Star	7.80	0.00	0.00	0.00	0.00	1,333,494.80	1,333,502.60	0.00	0.00
Illinois Creek Mine, Anchorage, Anchorage	9.60	0.00	0.00	0.00	0.00	1,067,454.00	1,067,463.60	0.00	0.00
U.S. Army Fort Wainwright Training Ranges, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	11,426.00	11,426.00	0.00	0.00
U.S. Army Fort Richardson - Training Ranges, Fort Richardson, Anchorage	0.00	0.00	0.00	0.00	0.00	6,605.00	6,605.00	0.00	0.00
U.S. Army Fort Greely - Training Ranges, Delta Junction, Southeast Fairbanks	0.00	0.00	0.00	0.00	0.00	2,581.00	2,581.00	0.00	0.00
Delong Mountain Transportation Facility Port Site, Kotzebue, Northwest Arctic	1,471.00	1.00	0.00	0.00	0.00	0.00	1,472.00	0.00	0.00
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	108.00	0.00	0.00	0.00	0.00	979.70	1,087.70	0.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



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Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (All Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	396,347	0	0	0	0	0	432,049,395	432,445,742	0
Kennecott Greens Creek Mining Co., Juneau, Juneau	0	0	0	0	0	0	42,410,000	42,410,000	0
Illinois Creek Mine, Anchorage, Anchorage	0	0	0	0	0	0	27,956,762	27,956,762	0
Fort Knox Mine, Fairbanks, Fairbanks North Star	418,310	0	0	0	53,000	2	14,846,836	15,318,148	0
Agrium Kenai Nitrogen Ops., Kenai, Kenai Peninsula	0	12,000	450,000	0	1,741,200	0	1,473,560	3,676,760	5,500
True North Mine, Fairbanks, Fairbanks North Star	0	0	0	0	0	0	1,333,503	1,333,503	0
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0	0	0	0	0	0	439,532	439,532	0
Golden Valley Electric Assoc. Inc. Healy Power Plant, Healy, Denali	0	0	0	0	0	0	249,193	249,193	0
Aurora Energy, Fairbanks, Fairbanks North Star	0	0	0	0	0	0	235,903	235,903	0
U.S. Air Force Eielson AFB AK, Eielson A F B, Fairbanks North Star	0	0	0	0	0	0	228,753	228,753	0

Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (PBT Chemicals)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site* Pounds	Total Production- related Waste Managed Pounds	Total Non- Production- related Waste Managed Pounds
Red Dog Ops. Mine Facility, Kotzebue, Northwest Arctic	0.00	0.00	0.00	0.00	0.00	0.00	128,308,211.00	128,308,211.00	0.00
Kennecott Greens Creek Mining Co., Juneau, Juneau	0.00	0.00	0.00	0.00	0.00	0.00	13,017,000.00	13,017,000.00	0.00
True North Mine, Fairbanks, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	1,333,503.00	1,333,503.00	0.00
Fort Knox Mine, Fairbanks, Fairbanks North Star	34.00	0.00	0.00	0.00	0.00	1.00	1,161,581.00	1,161,616.00	0.00
Illinois Creek Mine, Anchorage, Anchorage	0.00	0.00	0.00	0.00	0.00	0.00	1,067,464.00	1,067,464.00	0.00
U.S. Army Fort Wainwright Training Ranges, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	11,426.00	11,426.00	0.00
U.S. Army Fort Richardson - Training Ranges, Fort Richardson, Anchorage	0.00	0.00	0.00	0.00	0.00	0.00	6,605.00	6,605.00	0.00
U.S. Army Fort Greely - Training Ranges, Delta Junction, Southeast Fairbanks	0.00	0.00	0.00	0.00	0.00	0.00	2,581.00	2,581.00	0.00
Delong Mountain Transportation Facility Port Site, Kotzebue, Northwest Arctic	0.00	0.00	0.00	98,000.00	0.00	0.00	1,476.00	99,476.00	0.00
U.S. Army Fort Wainwright, Fort Wainwright, Fairbanks North Star	0.00	0.00	0.00	0.00	0.00	0.00	1,216.00	1,216.00	0.00

* The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.